

## ABSTRACT OF THE DISCLOSURE

There is provided a method for generating a stream of  $N$  symbols by puncturing a stream of repeated symbols in a system including an encoder for  
5 generating a stream of  $L$  symbols, a repeater for repeating the stream of  $L$  symbols, and a puncturer for puncturing the stream of repeated symbols and generating a stream of  $N$  symbols, where  $N$  is larger than  $L$ . The method comprises generating a stream of  $LM$  repeated symbols by repeating the stream of  $L$  symbols  $M$  times, where  $M$  is an minimum integer larger than  $N/L$ ;  
10 calculating a first puncturing interval  $D1$  defined as a minimum integer larger than  $LM/P$  for a number,  $P=LM-N$ , of symbols to be punctured, and a first symbol puncturing number  $P1$  defined as a maximum integer smaller than  $LM/D1$ ; calculating a second symbol puncturing number  $P2$  indicating a difference between the number  $P$  of the symbols to be punctured and the first  
15 symbol puncturing number  $P1$ , and a second puncturing interval  $D2$  defined as  $sD1$  for a selected one integer  $s$  out of integers smaller than or equal to a maximum integer smaller than  $P1/P2$ ; and generating a stream of  $N$  symbols by puncturing the stream of  $LM$  repeated symbols at the first puncturing interval  $D1$  and the second puncturing interval  $D2$ .